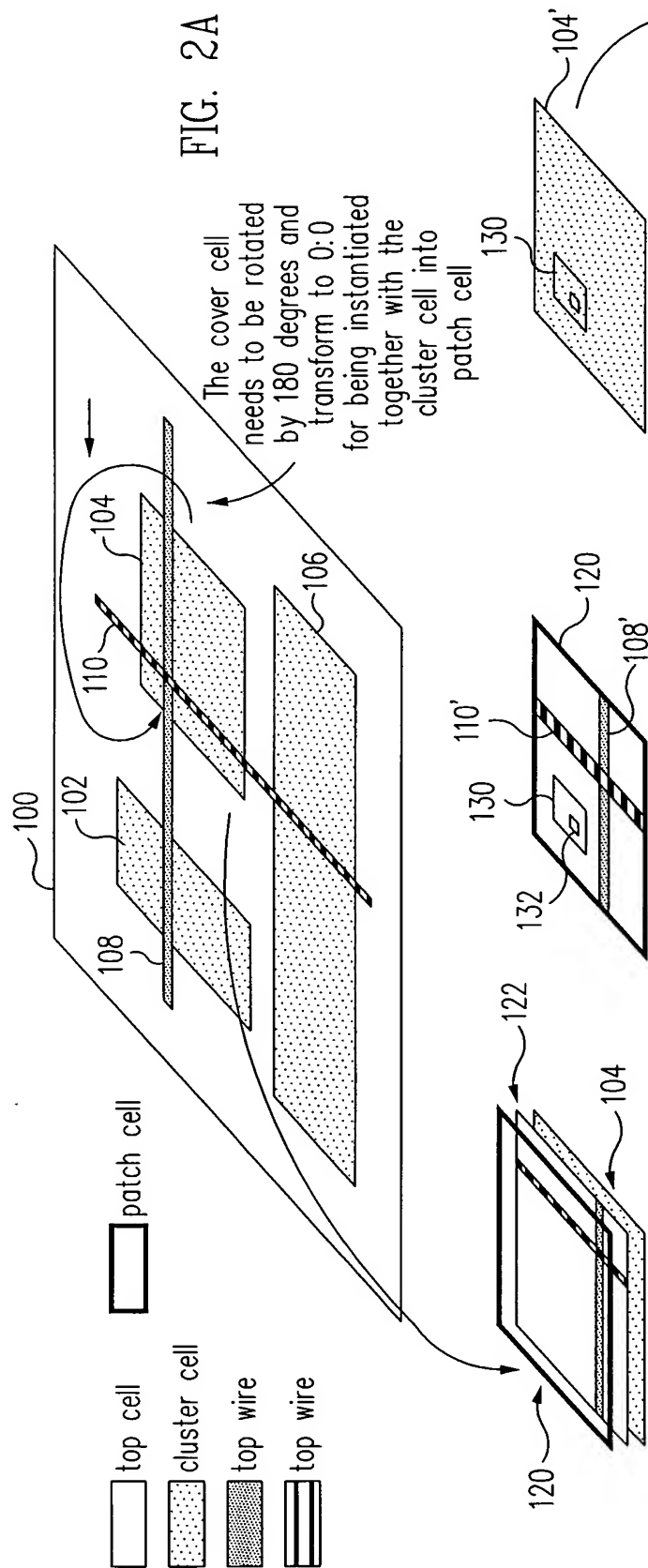


FIG. 1
(PRIOR ART)



Patch cell has been instantiated back to cluster cell. The fix will be seen in the top level through cluster cell

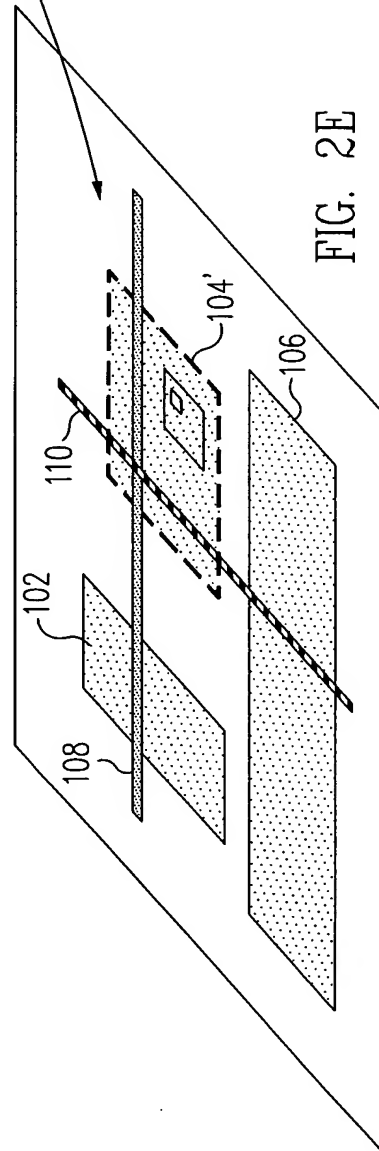
Based on the existing metal in the instances, added covering metal and vias in the patch cell

Top cover cell is cut and transformed into patch cell

FIG. 2D

FIG. 2C

FIG. 2B



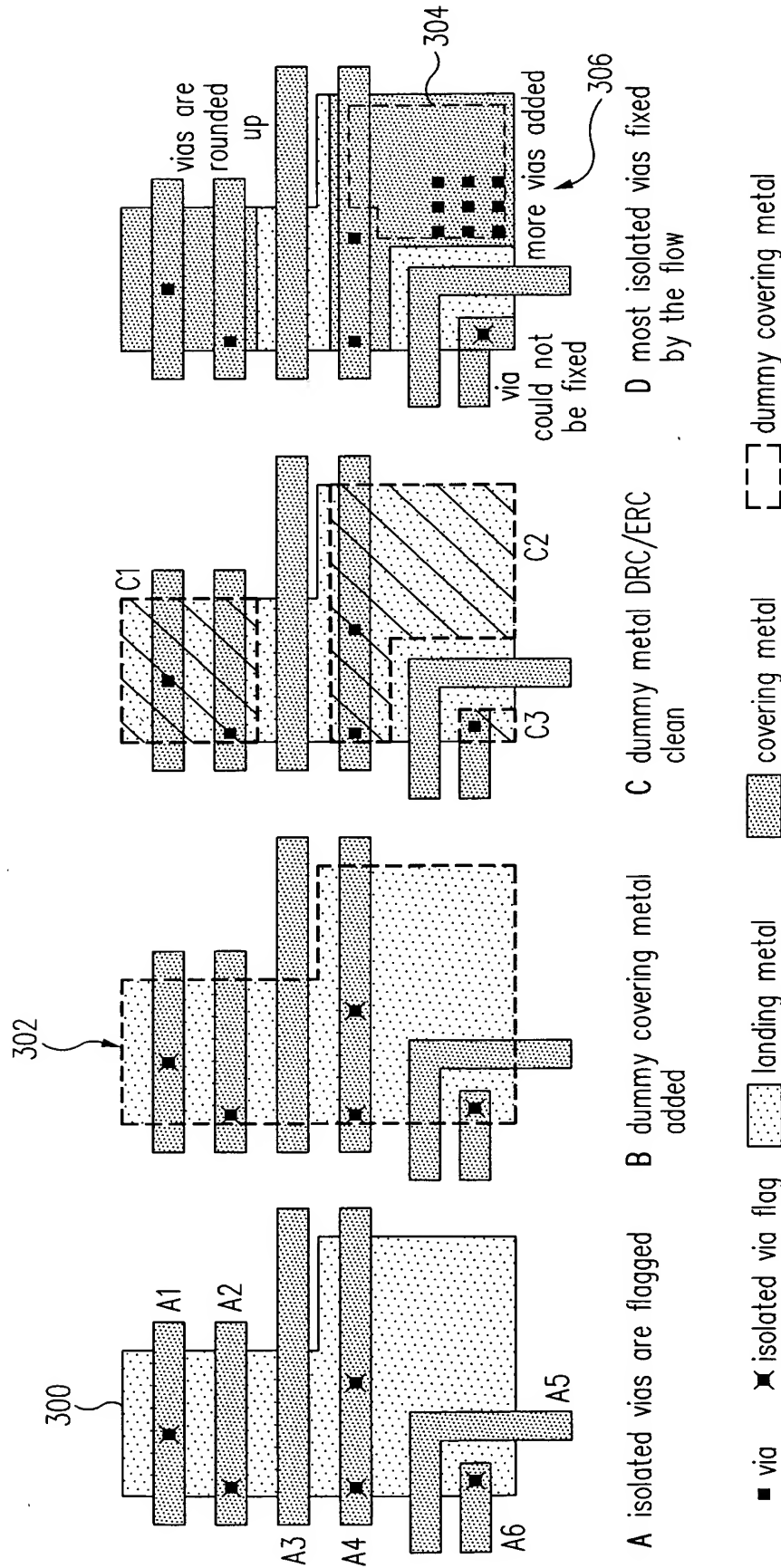


FIG. 3D

FIG. 3C

FIG. 3B

FIG. 3A